

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
550.00**Complete if Known**

Application Number	10/086,900
Filing Date	March 1, 2002
First Named Inventor	Robert Douglas
Examiner Name	Tse, Young Toi
Art Unit	2637
Attorney Docket No.	049601-5001

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 502642 Deposit Account Name: The Law Office of Richard W. Ja

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

- 20 or HP = 14 x 25.00 = 350.00

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

- 3 or HP = 2 x 100.00 = 200.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**      **Extra Sheets**      **Number of each additional 50 or fraction thereof**      **Fee (\$)**      **Fee Paid (\$)**

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY**

Signature	<u>Richard W. James</u>	Registration No. (Attorney/Agent) 43,690	Telephone 412-243-8708
Name (Print/Type)	Richard W. James		Date November 9, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Docket No. 049601-5001

Response to Office Action

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Douglas et al.  
Serial No.: 10/086,900  
Filed: March 1, 2002  
For: Apparatus and Method for Adjusting Filter Frequency in Relation to Sampling Frequency

Mail Stop - Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Express Mail Certificate**

"Express Mail" label number: ER 409134495 US

Date of Deposit: November 9, 2005

I hereby state the following papers are attached hereto:

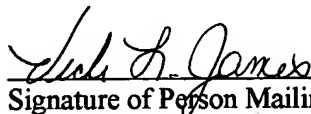
Fee Transmittal Form (1 page and duplicate copy); and

Response to Office Action (13 pages).

Which are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vicki L. James

Typed or Printed Name of Person Mailing Paper



Signature of Person Mailing Paper



11-10-05

Attorney Docket No.: 049601-5001  
Express Mail Label No.: ER 409134495 US

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2637  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 2637

Examiner: Tse, Young Toi

In re Application:  
Douglas et al.

Serial No.: 10/086,900

Filing Date: March 1, 2002

APPARATUS AND METHOD  
FOR ADJUSTING FILTER  
FREQUENCY IN RELATION  
TO SAMPLING FREQUENCY

RESPONSE TO OFFICE ACTION

Pittsburgh, Pennsylvania 15235  
November 9, 2005

MAIL STOP - AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

In order to place the above captioned application (the "Subject Application") in better condition for allowance, please amend the application as follows:

11/15/2005 WADELRI 00000039 502642 10086900  
01 FC:2201 200.00 DA  
02 FC:2202 350.00 DA